

INTERNATIONAL SEARCH REPORT

PCT/US2004/038660

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K16/18 A61K39/395 A61K48/00 G01N33/574 A61P35/00
C07K14/78

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K G01N A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

27 June 2005

Date of mailing of the international search report

08/07/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SIRPA SALO ET AL.: "Laminin-5 promotes adhesion and migration of epithelial cells: identification of a migration-related element in the gamma2 chain gene (LAMC2) with activity in transgenic mice"</p> <p>MATRIX BIOLOGY, vol. 18, 1999, pages 197-210, XP002317649 abstract page 199, right-hand column, last paragraph - page 200, left-hand column, paragraph 1 page 200, left-hand column, last paragraph - right-hand column, paragraph 2 page 202, right-hand column, last paragraph - page 203, right-hand column, paragraph 1 page 206, right-hand column, paragraph 2 - page 207, left-hand column, paragraph 1</p>	1-46
X	<p>KOSHIKAWA NAOHIKO ET AL: "Overexpression of laminin gamma2 chain monomer in invading gastric carcinoma cells"</p> <p>CANCER RESEARCH, AMERICAN ASSOCIATION FOR CANCER RESEARCH, BALTIMORE, MD, US, vol. 59, no. 21, 1 November 1999 (1999-11-01), pages 5596-5601, XP002214130 ISSN: 0008-5472 page 5596, right-hand column, paragraph 4 page 5597, right-hand column, paragraph 2 - page 5598, right-hand column, paragraph 1</p>	1-46
P,X	<p>WO 2004/039401 A (SALO, SIRPA ET AL.) 13 May 2004 (2004-05-13) page 2, line 10 - line 22 page 3, line 9 - page 8, line 27 page 11, line 3 - page 13, line 11 page 15, line 7 - page 25, line 13</p>	1-20
P,X	<p>US 2004/120959 A1 (KARL TRYGGVASON ET AL.) 24 June 2004 (2004-06-24) page 1, paragraph 5 - paragraph 7 page 1, paragraph 12 - page 4, paragraph 40; examples 2,3</p>	1-46
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	<p>STOLTZFUS PATRICIA ET AL: "Laminin-5 gamma2 chain expression facilitates detection of invasive squamous cell carcinoma of the uterine cervix" INTERNATIONAL JOURNAL OF GYNECOLOGICAL PATHOLOGY, vol. 23, no. 3, July 2004 (2004-07), pages 215-222, XP002333471 ISSN: 0277-1691 the whole document</p> <p>-----</p>	1-32

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 33-40 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Information on patent family members

PCT/US2004/038660

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2004039401 A	13-05-2004	AU 2003286142 A1	25-05-2004
		WO 2004039401 A2	13-05-2004
		US 2004120959 A1	24-06-2004
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US 2004120959 A1	24-06-2004	US 2002052307 A1	02-05-2002
		WO 2005040219 A1	06-05-2005
		US 2005019332 A1	27-01-2005
		AU 2003286142 A1	25-05-2004
		WO 2004039401 A2	13-05-2004
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